

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) A composition comprising a protein, an antibody, or fragment thereof, formulated with DTPA and another agent selected from the group consisting of DEF, mannitol, methionine, and histidine, in an amount effective to protect the antibody, or fragment thereof, against oxidation.
2. (Withdrawn) The composition of claim 1, comprising DEF.
3. (Original) The composition of claim 1, further comprising EGTA.
4. (Original) The composition of claim 1, wherein the concentration of DTPA is from about 1 μ M to about 10 mM.
5. (Withdrawn) The composition of claim 2, wherein the concentration of DEF is from about 1 μ M to about 5 mM.
6. (Original) The composition of claim 1, comprising mannitol at a concentration of about 0.01% to about 25%.
7. (Withdrawn) The composition of claim 1, comprising methionine at a concentration of about 10 μ M to about 200 mM.
8. (Withdrawn) The composition of claim 1, comprising histidine at a concentration of about 100 μ M to about 200 mM.
9. (Original) The composition of claim 1, further comprising an agent that inhibits protein aggregation.
10. (Original) The composition of claim 9, wherein the agent that inhibits protein aggregation is selected from the group consisting of polysorbate 80, polysorbate 20, glycerol, and a poloxamer polymer.

11. (Original) The composition of claim 10, wherein the agent that inhibits protein aggregation is polysorbate 80 or polysorbate 20 at a concentration of from about 0.001% to about 0.1%.
12. (Original) The composition of claim 1, further comprising a buffer that maintains the pH of the composition from about 5.0 to about 8.0.
13. (Original) The composition of claim 12, wherein the buffer is selected from the group consisting of phosphate, citrate, Tris, acetate, MES, succinic acid, PIPES, Bis-Tris, MOPS, ACES, BES, TES, HEPES, EPPS, ethylenediamine, phosphoric acid, and maleic acid.
14. (Currently Amended) The composition of claim 1, comprising mannitol, a polysorbate, Tris, and sodium chloride, ~~wherein the protein is an antibody or fragment thereof~~.
15. (Currently Amended) The composition of claim 1, wherein the concentration of the antibody protein is from about 1 µg/mL to about 500 mg/mL.
16. (Canceled)
17. (Currently Amended) The composition of claim 16_1, wherein the antibody is a monoclonal antibody, or a fragment thereof.
18. (Currently Amended) The composition of claim 16_1, wherein the antibody is a human antibody, or a fragment thereof.
19. (Currently Amended) The composition of claim 16_1, wherein the antibody or fragment thereof is conjugated to an agent, selected from the group consisting of a toxin, a polymer, an imaging agent and a drug.
20. (Currently Amended) The composition of claim 1, wherein the antibody or fragment thereof protein is microencapsulated.
21. (Original) The composition of claim 1, wherein the composition is a pharmaceutical composition.

22. (Withdrawn-Currently Amended) A composition comprising a protein an antibody or fragment thereof formulated with EGTA and DEF.
23. (Currently Amended) A method for preparing a stabilized protein composition, comprising formulating a protein an antibody, or fragment thereof, together with DTPA and another agent selected from the group consisting of DEF, mannitol, methionine, and histidine, in an amount effective to protect the antibody, or fragment thereof, against oxidation.
24. (Withdrawn) The method of claim 23, comprising DEF.
25. (Original) The method of claim 23, wherein the composition further comprises EGTA.
26. (Original) The method of claim 23, wherein the concentration of DTPA or EGTA is from about 1 μ M to about 10 mM.
27. (Withdrawn) The method of claim 24, wherein the concentration of DEF is from about 1 μ M to about 5 mM DEF.
28. (Original) The method of claim 23, wherein the oxidation protective compound is selected from the group consisting of about 0.01% to about 25% mannitol, about 10 μ M to about 200 mM histidine, and about 10 μ M to about 200 mM methionine.
29. (Original) The method of claim 23, further comprising adding an agent that inhibits protein aggregation to the composition.
30. (Original) The method of claim 23, further comprising adding a buffer that maintains the pH from about 5.0 to about 8.0 to the composition.
31. (Original) The method of claim 30, wherein the buffer is selected from the group consisting of about 5 mM to about 100 mM phosphate, citrate, Tris, acetate, MES, succinic acid, PIPES, Bis-Tris, MOPS, ACES, BES, TES, HEPES, EPPS, ethylenediamine, phosphoric acid, and maleic acid.

32. (Currently Amended) The method of claim 23, wherein the composition comprises mannitol, a polysorbate, Tris, and sodium chloride, ~~wherein the protein is an antibody or a fragment thereof.~~
33. (Currently Amended) The method of claim 23, wherein the concentration of the ~~protein antibody or fragment thereof~~ is from about 1 µg/mL to about 500 mg/mL.
34. (Canceled)
35. (Currently Amended) The method of claim ~~23~~ 34, wherein the antibody is a human antibody, or a fragment thereof.
36. (Currently Amended) The method of claim ~~23~~ 34, wherein the antibody is a monoclonal antibody, or a fragment thereof.
37. (Currently Amended) The method of claim ~~23~~ 34, wherein the antibody or fragment thereof is conjugated to an agent selected from a toxin, a polymer, an imaging agent or a drug.
38. (Currently Amended) The method of claim 23, wherein the ~~protein antibody or fragment thereof~~ is microencapsulated.
39. (Original) The method of claim 23, wherein the composition is a pharmaceutical composition.
40. (Canceled)
41. (Withdrawn-Currently Amended) A method for preparing a stabilized protein composition, comprising formulating ~~an antibody or fragment thereof a protein~~ together with EGTA and DEF.
42. (Withdrawn-Currently Amended) The method of claim 41, wherein the ~~antibody or fragment thereof protein~~ is protected against oxidation.